INDEX, 1950

Abortion, therapeutic, Common medical indications for, William Emery Studdiford, 721

Academy notes
Louis Livingston Seaman Fund, 758
Use of fluoroscopic machines in shoe fitting, Statement of Committee on Public Health Relations, 757

Accessions to the Library, Recent, 70, 138, 200, 285, 357, 508, 578, 635, 700, 810

ACTH and cortisone, Effect of, on connective tissue, Charles Ragan, Edward L. Howes, Charles M. Plotz, Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, 251
and cortisone, Use of, in neoplastic disease, O. H. Pearson, L. P. Eliel and T. R. Talbot, Jr., 235
Effect of cortisone and, on rheumatic fever, Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, 212
Effects of cortisone and, in rheumatoid arthritis, R. H. Freyberg, 206

Adams, Mark H., Heat resistant variant of bacterial virus T_6, 566

Address at the 21st anniversary of the Blood Transfusion Association, Benjamin P. Watson, 803

Adrenal cortex and hypertension, George A. Perera, 75
cortical activity, Relationship of, to immune responses, Edward E. Fischel, 255

Adrenocorticotropin, cortisone and, Treatment of disseminated lupus erythematosus with, George Baehr and Louis J. Soffer, 229

Advances in the diagnosis of bacterial infections, Gregory Shwartzman, 617
in diagnosis of digestive tract diseases, Ross Golden, 163
in the diagnosis of virus infections, Frank L. Horsfall, Jr., 3

Aerosol therapy, Inhalational and, in pneumonia, Morris Block, 404
therapy in sinusitis, bronchiectasis and lung abscess, Chesmore Eastlake, Jr., 423

Ahrens, Edward H., Jr., Lipid disturbance in biliary obstruction and its relationship to the genesis of arteriosclerosis, 151

Annual meeting, January 5, 1950
Report from the President of the Academy, Benjamin P. Watson, 143

Anoxia, Origins and effects of, Virgil Holland Moon, 361
Treatment of, in clinical medicine, Alvan LeRoy Barach, 370

Anoxic effects on the electrocardiogram produced by the 2-step test, Arthur Matthew Master, 401

Antihistamines in allergic and non-allergic dermatoses, Jeff Davis, 686

Antihistaminic agents, studies of their metabolism by means of quantitative analytical methods, Ely Perlman, 565

Anti-microbial therapy in pulmonary tuberculosis, medical aspects, Carl Muschenheim, 515

Apgar, Virginia, Oxygen as a supportive measure in fetal anoxia, 474

Appel, S. Baer and Alfred J. Kaltman, Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, Effect of cortisone and ACTH on rheumatic fever, 212

Application of virulence studies to the problems of BCG immunization, René J. Dubos, Cynthia H. Pierce and Emanuel W. Suter, 507

Arteriosclerosis, Causes of, William Dock, 182
Lipid disturbance in biliary obstruction and its relationship to the genesis of, Edward H. Ahrens, Jr., 151

Aspects of streptomycin in the surgical treatment of pulmonary tuberculosis, J. Maxwall Chamberlain, 289
Atomic energy, Public health aspects in the development of, Shields Warren, 435
Aureomycin and chloramphenicol, Therapeutic results with, Theodore E. Woodward, Robert T. Parker and Howard E. Hall, 66

Bacterial infections, Advances in the diagnosis of, Gregory Shwartzman, 617
virus T_0, Heat resistant variant of, Mark H. Adams, 566
Baehr, George and Louis J. Soffer, Treatment of disseminated lupus erythematosus with cortisone and adrenocorticotropin, 229
Baldwin, Janet S., Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, Currier McEwen, Joseph J. Bunim, Effect of cortisone and ACTH on rheumatic fever, 212
Banks, A. Leslie, Euthanasia, 297
Barach, Alvan LeRoy, Treatment of anoxia in clinical medicine, 370
BCG immunization, Application of virulence studies to the problems of, René J. Dubos, Cynthia H. Pierce and Emanuel W. Suter, 507
Beck, Gustav Julius, Hylan Arthur Bickerman and, Pressure breathing with oxygen and helium oxygen in pulmonary edema and obstructive dyspnea, 410
Bickerman, Hylan Arthur and Gustav Julius Beck, Pressure breathing with oxygen and helium oxygen in pulmonary edema and obstructive dyspnea, 410
Biggs (Hermann M.) Memorial Lecture, Public health aspects of the development of atomic energy, Shields Warren, 435
Biliary obstruction, Lipid disturbance in, and its relationship to the genesis of arteriosclerosis, Edward H. Ahrens, Jr., 151
Bloch, Hubert, Component of tubercle bacilli concerned with their virulence (abstract), 506
Block, Morris, Inhalational and aerosol therapy in pneumonia, 404
Blood, diseases of the, Skeletal changes associated with, Marcy L. Sussman, 763
Blood Transfusion Association, Address at the 21st anniversary of, Benjamin P. Watson, 803
Blunt, J. Wallace and Raffaelo Lattes, Charles Ragan, Edward L. Howes, Charles M. Plotz, Karl Meyer, Effect of ACTH and cortisone on connective tissue, 251
Bone puncture for obtaining marrow as a diagnostic procedure, Value of the, Nathan Rosenthal, 555
Borderland of embryology and pathology, Rupert Allan Willis, 440
Bronchiectasis and lung abscess, Aerosol therapy in sinusitis, Chesmore Eastlake, Jr., 423
Bulkley (L. Duncan) Lecture, Early diagnosis of cancer in women, Elise Strang L'Esperance, 703
Bunim, Joseph J., Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, Currier McEwen, Effect of cortisone and ACTH on rheumatic fever, 212

Cancer in women, Early diagnosis of, Elise Strang L'Esperance, 703
Cardiac catheterization in the diagnosis of congenital heart disease, Lewis Dexter, 93
failure, Dickinson Woodruff Richards, Jr., 384
infarction, oxygen in, Robert Louis Levy, 394
Carpenter (Wesley M.) Lecture, 1949
Present methods in the diagnosis of hemolytic disorders, Cecil James Watson, 103
Carpenter (Wesley M.) Lecture, 1950
Skeletal changes associated with diseases of the blood, Marcy L. Sussman, 763
Causes of arteriosclerosis, William Dock, 182
Certain aspects of benign and malignant gastric ulcer, Walter Lincoln Palmer, 527
Chamberlain, J. Maxwell, Aspects of streptomycin in the surgical treatment of pulmonary tuberculosis, 289
Chloramphenicol, aureomycin and, Therapeutic results with, Theodore E. Woodward, Robert T. Parker and Howard

E. Hall, 66

Classification and treatment of the varicose, post-thrombolic and arterial venous problems, Gerald H. Pratt, 306

Clinical Research Meeting (abstracts)

Adductor longus syndrome, a cause of groin pain; its treatment by local block of trigger areas, procaine infiltration and ethyl chloride spray, Janet Travell, 284

Bacteriologic and epidemiologic approach to the treatment of respiratory infections with aerosols of specific antibiotics, Samuel J. Prigal, 282

Blood volume and electrolytes in induced acute hypoglycemia in diabetes, Milton D. Feltenstein, Joseph Litwins, Julius Pomeranz, Aaron Silver and Ralph Schwartz, 274

Deposition of stilbamidine and 2-hydroxystilbamidine in cytoplasm and nuclei of different organs and tumors, I Snapper, B. Schneid, E. Greenspan and F. Lieben, 269

Depressing effect of inositol on serum chloesterol and lipid phosphorus in diabetics, William C. Felch and Louis B. Dotti, 261

Diagnosis of lymphogranuloma venereum with special reference to the complement fixation test, Norton M. Luger, 265

Diagnostic value of urinary pepsinogen excretion in diseases of the upper gastrointestinal tract, Henry D. Janowitz, Milton H. Levy and Franklin Hollander, 281

Dihydroergocornine in the differential diagnosis of functional heart disturbances and organic heart disease, Leon Pordy, Harold S. Arai and Arthur M. Master, 276

Distribution of the protein-bound iodine in the electrophoretic fractions of human serum studied with radioactive iodine, Solomon Silver and Miriam Reiner, 277

Effect of aureomycin therapy in infectious mononucleosis, a further preliminary study, Harold A. Lyons and Edward M. Hard, 279

Effect of venous and arterial occlusion on digit blood flow, Milton Mendlowitz and Harold Abel, 261

Effects of experimental acidosis on the dynamics of the circulation, Kurt Lange, Frank Graig, Victor Tchertkoff and David Weiner, 284

Electrokymographic studies of the relationship between the electrical and mechanical events of the cardiac cycle, J. P. Schwedel, P. Samet and H. Mednick, 271

Heritage in otosclerotic deafness, Samuel J. Kopetzky, 274

Irradiation of advanced and radioresistant cancer through a grid, Hirsch Marks, 269

Lupus erythematosus ("L. E.") cell, S. L. Lee, S. R. Michael, I. L. Vural, 266

New coumarin anticoagulant (Tromexan, 4,4' dihydroxydicumarnyl ethyl acetate; preliminary report on its action, Grafton E. Burke and Irving S. Wright, 264

Observations on the mode of thiocyanate action: augmentation by mercurial diuresis of the hypotensive effect of thiocyanate, Richard Gurner, 262

Oral treatment of pernicious anemia with vitamin B_{12}, Leo M. Meyer, Arthur Savitsky, Bernard S. Cohen, Mendel Krim, Robert Fadem and Norton D. Ritz, 263

Practical clinical application of a new piezoelectric material, George A. Sheehan, Jr., Frank K. Priebe, Abraham I. Drunetz, Glen N. Howatt, 263

Renal clearance of aureomycin in man, Jonas H. Sirota and Abraham Saltzman, 278

Studies on uterine sinus and amniotic fluid pressures in the full-term pregnant uterus, Samuel S. Rosenfeld and Bernard Lapan, 266

Treatment of pulmonary emphysema with pneumoperitoneum, M. G. Carter, E. A. Gaensler and A. Kyllonen, 267

Vagotomy versus gastric resection; a critical evaluation of two methods of surgical treatment of duodenal ulcer, Martin J. Healy, Jr., Sidney J. Hellman and Paul K. Sauer, 268

Ventricular contraction in Wolff-Parkinson-White syndrome, an electrokym-

ographic study, Simon Dack, David H. Paley and Sigmund S. Brahms, 273
Clinical use of radioactive isotopes, John Hundale Lawrence, 639
Comatose states, Use of oxygen in, Hurley Lee Motley, 479
Committee on Public Health Relations, Statement on use of fluoroscopic machines in shoe fitting, 757
Common medical indications for therapeutic abortion, William Emery Studdiford, 721
Comparison of tests of thyroid function, James Howard Means, 583
Connective tissue, Effect of ACTH and cortisone on, Charles Ragan, Edward L. Howes, Charles M. Plotz, Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, 251
Cortisone, Effect of ACTH and, on connective tissue, Charles Ragan, Edward L. Howes, Charles M. Plotz, Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, 251
Use of ACTH and, in neoplastic disease, O. H. Pearson, L. P. Eliel and T. R. Talbot, Jr., 235
and ACTH, Effect of, on rheumatic fever, Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, 212
and ACTH, Effects of, in rheumatoid arthritis, R. H. Freyberg, 206
and adrenocorticotropia, Treatment of disseminated lupus erythematosus with, George Baehr and Louis J. Soffer, 229
Coxsackie viruses, Gilbert Dalldorf, 329
viruses, Human disease associated with the, Edward C. Curnen, 335
viruses, Studies on the, properties, immunological aspects and distribution in nature, Joseph L. Melnick, 342
Curnen, Edward C., Human disease associated with the Coxsackie viruses, 335

Dalldorf, Gilbert, Coxsackie viruses, 329
Davis, Jeff, Antihistamines in allergic and non-allergic dermatoses, 686
Dermatoses, allergic and non-allergic, Antihistamines in, Jeff Davis, 686
Dexter, Lewis, Cardiac catheterization in the diagnosis of congenital heart disease, 93
Diabetes mellitus, Vascular complications of, Henry Dolger, 779
Diabetic as a surgical risk, Theodore C. Pratt, 786
neuropathy, R. Wayne Rundles, 598
Digestive tract diseases, Advances in diagnosis of, Ross Golden, 163
Diagnostic testing in psychiatric practice, David Rapaport, 115
Dock, William, Causes of arteriosclerosis, 182
Dolger, Henry, Vascular complications of diabetes mellitus, 779
Dubos, René J., Cynthia H. Pierce and Emanuel W. Suter, Application of virulence studies to the problem of BCG immunization, 507

Earle, David P., Jr., Renal function tests in the diagnosis of glomerular and tubular disease, 47
Early diagnosis of cancer in women, Elise Strang L'Esperance, 703
Eastlake, Chesmore, Jr., Aerosol therapy in sinusitis, bronchiectasis and lung abscess, 423
Effect of ACTH and cortisone on connective tissue, Charles Ragan, Edward L. Howes, Charles M. Plotz, Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, 251
cortisone and ACTH on rheumatic fever, Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, 212
Effects of cortisone and ACTH in rheumatoid arthritis, R. H. Freyberg, 206
Electrocardiogram, Anoxic effects on the, produced by the 2-step test, Arthur Matthew Master, 401
Electrocardiography, Unipolar, including intracardiac leads, in the diagnosis of myocardial disease, Charles E. Kossmann, 20
Eliel, E. P. and T. R. Talbot, Jr., O. H. Pearson, Use of ACTH and cortisone in neoplastic disease, 235
Embryology and pathology, Borderland of, Rupert Allan Willis, 440

Essential familial hypercholesterolemia, cutaneous, metabolic and hereditary aspects, Charles Fore Wilkinson, Jr., 670
Euthanasia, A. Leslie Banks, 297
Ewing, James, the man and the physician, Elise S. L'Esperance, 126
Exophthalmos, Thyrotropic, Raymond Louis Pfeiffer, 592
Experimental analysis of virulence of tubercle bacilli, Gardner Middlebrook, 498

Fetal anoxia, Oxygen as a supportive measure in, Virginia Apgar, 474
Fischel, Edward E., Relationship of adrenal cortical activity to immune responses, 255
Fischer, Alfred Elias, Inhalational therapy in acute respiratory infections, measles, whooping cough and pneumonia, 468
Fluoroscopic machines in shoe fitting, Use of, Statement of Committee on Public Health Relations, 757
Freyberg, R. H. Effects of cortisone and ACTH in rheumatoid arthritis, 206
Friday Afternoon Lectures
Antihistamines in allergic and non-allergic dermatoses, Jeff Davis, 686
Causes of arteriosclerosis, William Dock, 182
Common medical indications for therapeutic abortion, William Emery Studdiford, 721
Vascular complications of diabetes mellitus, Henry Dolger, 779
Virus infections of the nervous system, H. Houston Merritt, 547
Further experiments with Columbia Sk murine poliomyelitis virus, Claus W. Jungeblut, 571

Galdston, Iago, Integrative psychiatry, 736
Gastric ulcer, Certain aspects of benign and malignant, Walter Lincoln Palmer, 527
Gastro-duodenal surgery, Modern, Harold Doric Harvey, 538
Ginsberg, Harold S., Modification of the course of a viral pneumonia in mice, 569
Glomerular and tubular disease, Renal function tests in the diagnosis of, David P. Earle, Jr., 47
Golden, Ross, Advances in diagnosis of digestive tract diseases, 163
Graduate Fortnight, 1949
Advances in the diagnosis of bacterial infections, Gregory Shwartzman, 617
Advances in diagnosis of digestive tract diseases, Ross Golden, 163
Advances in the diagnosis of virus infections, Frank L. Horsfall, Jr., 3
Cardiac catheterization in the diagnosis of congenital heart disease, Lewis Dexter, 93
Clinical use of radioactive isotopes, John Hundale Lawrence, 639
Diagnostic testing in psychiatric practice, David Rapaport, 115
Present methods in the diagnosis of hemolytic disorders, Cecil James Watson, 103
Renal function tests in the diagnosis of glomerular and tubular disease, David P. Earle, Jr., 47
Unipolar electrocardiography, including intracardiac leads, in the diagnosis of myocardial disease, Charles E. Kossmann, 20
Value of the bone puncture for obtaining marrow as a diagnostic procedure, Nathan Rosenthal, 555
Graduate Fortnight, 1950
Opening address, Benjamin P. Watson, 761
Skeletal changes associated with diseases of the blood, Marcy L. Sussman, 763

Hall, Howard E., Theodore E. Woodward, Robert T. Parker and, Therapeutic results with aureomycin and chloramphenicol, 66
Harvey, Harold Dortic, Modern gastro-duodenal surgery, 538
Heart disease, congenital, Cardiac catheterization in the diagnosis of, Lewis Dexter, 93
Heat resistant variant of bacterial virus T_5, Mark H. Adams, 566
Hemolytic disorders, Present methods in the diagnosis of, Cecil James Watson, 103
Horsfall, Frank L., Jr., Advances in the diagnosis of virus infections, 3
Howes, Edward L., Charles M. Plotz, Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, Charles Ragan, Effect of ACTH and cortisone on connective tissue, 251
Human disease associated with the Coxsackie viruses, Edward C. Curnen, 335

Hypercholesterolemia, Essential familial, cutaneous, metabolic and hereditary aspects, Charles Fore Wilkinson, Jr., 670
Hypertension, Adrenal cortex and, George A. Perera, 75

Immune responses, Relationship of adrenal cortical activity to, Edward E. Fischel, 255
Inhalational and aerosol therapy in pneumonia, Morris Block, 404
therapy in acute respiratory infections, measles, whooping cough and pneumonia, Alfred Elias Fischer, 468
Integrative psychiatry, Iago Galdston, 736

Jungeblut, Claus W., Further experiments with Columbia Sk murine poliomyelitis virus, 571

Kaltman, Alfred J., Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and, Effect of cortisone and ACTH on rheumatic fever, 212
Kast (Ludwig) Lecture, Clinical use of radioactive isotopes, John Hundale Lawrence, 639
Kelner, Albert, Light-induced recovery of microorganisms from ultraviolet radiation injury with special reference to Escherichia coli, 189
Kossmann, Charles E., Unipolar electrocardiography, including intracardiac leads, in the diagnosis of myocardial disease, 20
Kuttner, Ann G., S. Baer Appel and Alfred J. Kaltman, Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Effect of cortisone and ACTH on rheumatic fever, 212

Lattes, Raffaelo, Charles Ragan, Edward L. Howes, Charles M. Plotz, Karl Myer, J. Wallace Blunt and, Effect of ACTH and cortisone on connective tissue, 251
Lawrence, John Hundale, Clinical use of radioactive isotopes, 639
L'Esperance, Elise Strang, Early diagnosis of cancer in women, 703
James Ewing, the man and the physician, 126
Lævy, Robert Louis, Oxygen in cardiac infarction, 394
Library notes
Historical medical texts, 809
Periodical microfilm service, 202
Recent accessions, 70, 138, 200, 285, 357, 508, 578, 635, 700, 810
Light-induced recovery of microorganisms from ultraviolet radiation injury, with special reference to Escherichia coli, Albert Kelner, 189
Lipid disturbance in biliary obstruction and its relationship to the genesis of arteriosclerosis, Edward H. Ahrens, Jr., 151
Lung abscess, Aerosol therapy in sinusitis, bronchiectasis and, Chesmore Eastlake, Jr., 423
Lupus erythematosus, disseminated, Treatment of, with cortisone and adrenocorticotropin, George Baehr and Louis J. Soffer, 229

Master, Arthur Matthew, Anoxic effects on the electrocardiogram produced by the 2-step test, 401
McEwen, Currier, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, Effect of cortisone and ACTH on rheumatic fever, 212
Means, James Howard, Comparison of tests of thyroid function, 583
Measles, whooping cough and pneumonia, Inhalational therapy in acute respiratory infections, Alfred Elias Fischer, 468
Melnick, Joseph L., Studies on the Coxsackie viruses, properties, immunological aspects and distribution in nature, 342
Merritt, H. Houston, Virus infections of the nervous system, 547
Meyer, Karl, J. Wallace Blunt and Raffaelo Lattes, Charles Ragan, Edward L. Howes, Charles M. Plotz, Effect of ACTH and cortisone on connective tissue, 251
Middlebrook, Gardner, Experimental analysis of virulence of tubercle bacilli, 498
Middleton-Goldsmith Lecture, Borderland of embryology and pathology, Rupert Allan Willis, 440
Microbiology, Section on
Antihistaminic agents, studies of their metabolism by means of quantitative

analytical methods, Ely Perlman, 565
Application of virulence studies to the problems of BCG immunization, René J. Dubos, Cynthia H. Pierce and Emanuel W. Suter, 507
Component of tubercle bacilli concerned with their virulence (abstract), Hubert Bloch, 506
Coxsackie viruses, Gilbert Dalldorf, 329
Experimental analysis of virulence of tubercle bacilli, Gardner Middlebrook, 498
Further experiments with Columbia Sk murine poliomyelitis virus, Claus W. Jungeblut, 571
Heat resistant variant of bacterial virus T_5, Mark H. Adams, 566
Human disease associated with the Coxsackie viruses, Edward C. Curnen, 335
Light-induced recovery of microorganisms from ultraviolet radiation with special reference to Escherichia coli, Albert Kelner, 189
Modification of the course of a viral pneumonia in mice, Harold S. Ginsberg, 569
Studies on the Coxsackie viruses, properties, immunological aspects and distribution in nature, Joseph L. Melnick, 342
Microfilm service, Periodical, 202
Miller (James Alexander) Fellowship for research in tuberculosis, 92
Modern gastro-duodenal surgery, Harold Doric Harvey, 538
Modification of the course of a viral pneumonia in mice, Harold S. Ginsberg, 569
Moon, Virgil Holland, Origins and effects of anoxia, 361
Motley, Hurley Lee, Use of oxygen in comatose states, 479
Muschenheim, Carl, Anti-microbial therapy in pulmonary tuberculosis, medical aspects, 515
Myocardial disease, Unipolar electrocardiography, including intracardiac leads, in the diagnosis of, Charles E. Kossmann, 20

Neoplastic disease, Use of ACTH and cortisone in, O. H. Pearson, L. P. Eliel and T. R. Talbot, Jr., 235
Nervous system, Virus infections of the, H. Houston Merritt, 547
Neuropathy, Diabetic, R. Wayne Rundles, 598

Origins and effects of anoxia, Virgil Holland Moon, 361
Outline of the use of respirators and of oxygen in poliomyelitis, Philip M. Stimson, 495
Oxygen and helium oxygen, Pressure breathing with, in pulmonary edema and obstructive dyspnea, Hylan Arthur Bickerman and Gustav Julius Beck, 410
as a supportive measure in fetal anoxia, Virginia Apgar, 474
Continued use of, for premature infants, Clement Andrew Smith, 430
in cardiac infarction, Robert Louis Levy, 394
in comatose states, Use of, Hurley Lee Motley, 479
in poliomyelitis, Outline of the use of respirators and of, Philip M. Stimson, 495
therapy in acute rheumatic carditis in children, Leo Maurice Taran and Nelly Szilagyi, 461

Palmer, Walter Lincoln, Certain aspects of benign and malignant gastric ulcer, 527
Parker, Robert T. and Howard E. Hall, Theodore E. Woodward, Therapeutic results with aureomycin and chloramphenicol, 66
Pathology, Borderland of embryology and, Rupert Allan Willis, 440
Pearson, O. H., L. P. Eliel and T. R. Talbot, Jr., Use of ACTH and cortisone in neoplastic disease, 235
Perera, George A., Adrenal cortex and hypertension, 75
Periodical microfilm service, 202
Perlman, Ely, Antihistaminic agents, studies of their metabolism by means of quantitative analytical methods, 565
Pfeiffer, Raymond Louis, Thyrotropic exophthalmos, 592
Physiology of the pituitary-adrenal system, Jane A. Russell, 240
Pierce, Cynthia H. and Emanuel W. Suter, René J. Dubos, Application of virulence studies to the problems of BCG immunization, 507

Pituitary-adrenal system, Physiology of the, Jane A. Russell, 240
Plotz, Charles M., Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, Charles Ragan, Edward L. Howes, Effect of ACTH and cortisone on connective tissue, 251
Pneumonia, Inhalational and aerosol therapy in, Morris Block, 404
Inhalational therapy in acute respiratory infections, measles, whooping cough and, Alfred Elias Fischer, 468
Poliomyelitis virus, Columbia Sk murine, Further experiments with, Claus W. Jungeblut, 571
Pratt, Gerald H., Classification and treatment of the varicose, post-thrombotic, and arterial venous problems, 306.
Pratt, Theodore C., Diabetic as a surgical risk, 786
Premature infants, Continued use of oxygen for, Clement Andrew Smith, 410
Present methods in the diagnosis of hemolytic disorders, Cecil James Watson, 103
President of the Academy, Report from, Benjamin P. Watson, 143
Pressure breathing with oxygen and helium oxygen in pulmonary edema and obstructive dyspnea, Hylan Arthur Bickerman and Gustav Julius Beck, 410
Psychiatric practice, Diagnostic testing in, David Rapaport, 115
Psychiatry, Integrative, Iago Galdston, 736
Public health aspects in the development of atomic energy, Shields Warren, 435
Pulmonary edema and obstructive dyspnea, Pressure breathing with oxygen and helium oxygen in, Hylan Arthur Bickerman and Gustav Julius Beck, 410
tuberculosis, Anti-microbial therapy in, medical aspects, Carl Muschenheim, 515
tuberculosis, Aspects of streptomycin in the surgical treatment of, J. Maxwell Chamberlain, 289

Radioactive isotopes, Clinical use of, John Hundale Lawrence, 639
Ragan, Charles, Edward L. Howes, Charles M. Plotz, Karl Meyer, J. Wallace Blunt and Raffaelo Lattes, Effect of ACTH and cortisone on connective tissue, 251
Rapaport, David, Diagnostic testing in psychiatric practice, 115
Relationship of adrenal cortical activity to immune responses, Edward E. Fischel, 255
Renal function tests in the diagnosis of glomerular and tubular disease, David P. Earle, Jr., 47
Report from the President of the Academy, Benjamin P. Watson, 143
Respirators, use of, and of oxygen in poliomyelitis, Outline of the, Philip M. Stimson, 495
Respiratory infections, acute, measles, whooping cough and pneumonia, Inhalational therapy in, Alfred Elias Fischer, 468
Rheumatic carditis in children, Oxygen therapy in acute, Leo Maurice Taran and Nelly Szilagyi, 461
fever, Effect of cortisone and ACTH on, Currier McEwen, Joseph J. Bunim, Janet S. Baldwin, Ann G. Kuttner, S. Baer Appel and Alfred J. Kaltman, 212
Rheumatoid arthritis, Effects of cortisone and ACTH in, R. H. Freyberg, 206
Richards, Dickinson Woodruff, Jr., Cardiac failure, 384
Rosenthal, Nathan, Value of the bone puncture for obtaining marrow as a diagnostic procedure, 555
Rundles, R. Wayne, Diabetic neuropathy, 598
Russell, Jane A. Physiology of the pituitary-adrenal system, 240

Schilder (Paul) Memorial Lecture, Integrative psychiatry, Iago Galdston, 736
Seaman (Louis Livingston) Fund, 758
Shwartzman, Gregory, Advances in the diagnosis of bacterial infections, 617
Sinusitis, bronchiectasis and lung abscess, Aerosol therapy in, Chesmore Eastlake, Jr., 423
Skeletal changes associated with diseases of the blood, Marcy L. Sussman, 763
Smith, Clement Andrew, Continued use of oxygen for premature infants, 430
Soffer, Louis J., George Baehr and, Treatment of disseminated lupus erythematosus with cortisone and adrenocorticotropin, 229
Stimson, Philip M., Outline of the use of

respirators and of oxygen in poliomyelitis, 495
Streptomycin in the surgical treatment of pulmonary tuberculosis, Aspects of, J. Maxwell Chamberlain, 289
Studdiford, William Emery, Common medical indications for therapeutic abortion, 721
Studies on the Coxsackie viruses, properties, immunological aspects and distribution in nature, Joseph L. Melnick, 342
Sussman, Marcy L., Skeletal changes associated with diseases of the blood, 763
Suter, Emanuel W., René J. Dubos, Cynthia H. Pierce and, Application of virulence studies to the problems of BCG immunization, 507
Szilagyi, Nelly, Leo Maurice Taran and, Oxygen therapy in acute rheumatic carditis in children, 461

Talbot, T. R., Jr., O. H. Pearson, L. P. Eliel and, Use of ACTH and cortisone in neoplastic disease, 235
Taran, Leo Maurice and Nelly Szilagyi, Oxygen therapy in acute rheumatic carditis in children, 461
Therapeutic results with aureomycin and chloramphenicol, Theodore E. Woodward, Robert T. Parker and Howard E. Hall, 66
Thyroid function, Comparison of tests of, James Howard Means, 583
Thyrotropic exophthalmos, Raymond Louis Pfeiffer, 592
Treatment of anoxia in clinical medicine, Alvan LeRoy Barach, 370
of disseminated lupus erythematosus with cortisone and adrenocorticotropin, George Baehr and Louis J. Soffer, 229
Tubercle bacilli, Component of, concerned with their virulence (abstract), Hubert Bloch, 506
bacilli, Experimental analysis of virulence of, Gardner Middlebrook, 498
bacilli, virulence studies, Application of, to the problem of BCG immunization, René J. Dubos, Cynthia H. Pierce and Emanuel W. Suter, 507
Tuberculosis, James Alexander Miller Fellowship for research in, 92
Tubular disease, glomerular, and, Renal function tests in the diagnosis of, David P. Earle, Jr., 47

Ultraviolet radiation injury, Light-induced recovery of microorganisms from, with special reference to Escherichia coli, Albert Kelner, 189
Unipolar electrocardiography, including intracardiac leads, in the diagnosis of myocardial disease, Charles E. Kossmann, 20
Use of ACTH and cortisone in neoplastic disease, O. H. Pearson, L. P. Eliel and T. R. Talbot, Jr., 235
of fluoroscopic machines in shoe fitting, Statement of Committee on Public Health Relations, 757
of oxygen in comatose states, Hurley Lee Motley, 479

Value of the bone puncture for obtaining marrow as a diagnostic procedure, Nathan Rosenthal, 555
Varicose, post-thrombotic and arterial venous problems, Classification and treatment of, Gerald H. Pratt, 306
Vascular complications of diabetes mellitus, Henry Dolger, 779
Venous problems, Classification and treatment of varicose, post-thrombotic and arterial, Gerald H. Pratt, 306
Viral pneumonia in mice, Modification of the course of a, Harold S. Ginsberg, 569
Virus infections, Advances in the diagnosis of, Frank L. Horsfall, Jr., 3
infections of the nervous system, H. Houston Merritt, 547

Warren, Shields, Public health aspects in the development of atomic energy, 435
Watson, Cecil James, Present methods in the diagnosis of hemolytic disorders, 103
Watson, Benjamin P., Address at the 21st anniversary of the Blood Transfusion Association, 803
Opening address, Twenty-third Graduate Fortnight, 761
Report from the President of the Academy, 143
Whooping cough and pneumonia, Inhalational therapy in acute respiratory infections, measles, Alfred Elias Fischer, 468

Wilkinson, Charles Fore, Jr., Essential familial hypercholesterolemia, cutaneous, metabolic and hereditary aspects, 670
Willis, Rupert Allan, Borderland of embryology and pathology, 440
Women, Early diagnosis of cancer in, Elise Strang L'Esperance, 703
Woodward, Theodore E., Robert T. Parker and Howard E. Hall, Therapeutic results with aureomycin and chloramphenicol, 66

BULLETIN

OF THE NEW YORK ACADEMY OF MEDICINE

EDITORIAL BOARD

JEROME P. WEBSTER, *Chairman* — MAHLON ASHFORD, *Secretary*

DAVID P. BARR — JANET DOE — ROBERT F. LOEB

WILLIAM DOCK — JOHN G. KIDD — WALTER W. PALMER

Editor

MAHLON ASHFORD

VOLUME 26

1950

THE NEW YORK ACADEMY OF MEDICINE

NEW YORK 29, N. Y.